



STATE OF DELAWARE
EXECUTIVE DEPARTMENT
OFFICE OF MANAGEMENT AND BUDGET

January 15, 2015

TO: ALL OFFERORS

FROM: DANIELLE RIDGWAY
STATE CONTRACT PROCUREMENT OFFICER

SUBJECT: ADDENDUM TO INVITATION TO BID
CONTRACT NO. GSS14560-TRUCKS_VANS
Trucks and Vans – Model Year 2015 or Later

ADDENDUM #1

The purpose of this addendum is to provide the new Deadline for Bid Responses and to provide specifications for the optional equipment “Snow Plow Package” requested for Specifications G- ¾ Ton Pickup Truck and Specification H- one (1) Ton Pickup Truck.

- 1.) Please be advised that the timeline associated with Contract No. GSS14560-TRUCKS_VANS, titled as Trucks and Vans- Model Year 2015 or Later, has been changed. All interested vendors shall note the changes identified below.

Deadline for Bid Responses is extended until January 22, 2014 1:00 pm EST (Local)

In order for your bid to be considered, your proposal shall be submitted in a sealed envelope clearly displaying the contract number by **January 22, 2014 at 1:00 pm** (Local Time).

- 2.) Please note that the specifications for the optional equipment request for “**Snow Plow Package**” for Specification G- ¾ Ton Pickup Truck and Specification H – one (1) Ton Pickup Truck were not included in Appendix A of the ITB as stated on the Pricing Spreadsheet.

Any bids for the optional equipment “**Snow Plow Package**” shall meet the following specifications:

Snow Plow Option Package Specifications:

Western Pro Uni-mount snow plow or approved equal.

Note: Any exceptions must be stated on exception page.

A. Blade Assembly

1. Moldboard - 11 or 12 ga. Steel formed to a 14-1/2" to 15" radius
2. Ribs - Six 7 ga. Hot rolled formers or seven flame cut ribs welded to sheet and top and bottom and reinforcing angles.
3. Cutting edge - 3/8" high carbon steel C1080 or C1090 with grade 5 or higher carriage bolts .
4. Disc Shoes - Two full rotation, height adjustable, Ausstempered Ductile Iron shoes with integral 1" diameter shaft secured to blade with one inch pins. OR two heavy duty cast steel full swivel shoes with 18 Sq. Inches of pavement contact with equivalent attachment.
5. 45-50 degree full trip blade trip.
6. Trip springs - three 2-3/8" OD x .378 -.393 diameter C1060 hard drawn stress relieved wire pre-loaded with 5/8" x 6" eyebolts
7. Blade trip pivot - three 5/8" grade 5 steel bolts in reinforced holes or two 27/32 diameter pins in reinforced holes
8. Blade guides - two highly visible, vinyl coated spring steel reinforced markers red or yellow in color.
9. Plow angling - 30 degrees right and left.
10. Plow size shall be 7 1/2 feet.

B. A-Frame

1. Reinforced electrically welded 3/8" x 2-1/2" structural steel side members with integral attachments for angling rams to receive 5/8" diameter or larger pins
2. Lift Chain - Grade 43, 25" or grade 43, 36" long high test steel with 2600# working load limit attached with grade 8 bolts or u-bolts with dual lift chains
3. A-Frame - to mount attachment shall be at least 22" with 1-1/32" holes in at least 3/4" steel
4. Plow stand/jack- self storing and adjustable to ease mounting of plow to truck with 1/2" spring lock storage pin

C. Quadrant

1. Electrically welded, reinforced 3/8" x 2-1/2" x 2" or larger structural steel angle with integral attachments for angling rams to receive 5/8" - 3/4" diameter bolts.
2. A-Frame to Quadrant Angle Pivot - 5/8" - 3/4" diameter grade 5 bolt

D. Lift

1. Lift unit to have provision for attachment of out front hydraulics and light kit
2. Lift channel - formed 7 ga. Steel
3. Link Arm - attached to truck mount by 3/4" 3-1/4" grade 5 rivet or 5/8" x 5-1/2" grade 5 bolt & locknut. Quick attachment to lift frame by pin and hairpin cotter.
4. Lift Frame - two 3/8" x 2-1/2" x 2" angle or 5/16" plasma cut plates reinforced with 1/4" stiffeners Revised.

E. Mount

1. Custom designed, electrically welded, structural steel mounting readily adaptable to truck frame.
2. It shall be attached to truck frame with Grade 5 minimum fasteners.
3. Mount - shall meet federal motor vehicle safety standards
4. Hitch pins - two 1" diameter x 3-1/2" or 1" x 6-3/4" spring loaded with loop handles and hairpin cotters for quick attachment to truck mount or 4 similar pins to allow removal of entire plow and hydraulics or just the plow alone.

F. Paint

1. Plow blade shall be cleaned with phosphate and have baked-on red safety powder coating.
2. A-Frame; Quadrant; Lift shall be shot blasted and have baked-on black powder coating.

G. Hydraulics

1. Electric solenoid activated and detachable with lift.
2. Front mounted hydraulic unit consisting of a fixed gear pump with 1699 to 2500 PSI relief, direct tang driven by a 4 to 4-1/2" DC motor.
3. Pump with filter screen shall be immersed in the reservoir of the cast aluminum combination reservoir and lift ram housing
4. Valve manifold shall contain three side mounted and covered solenoid cartridge valves, cushion relief valves set at 3500 to 4200 PSI, and a quill adjustment screw to adjust blade drop speed.
5. One 1-1/2" x 6" or 1-1/4" x 8" lift ram and two 1-1/2" x 10" angling rams with a "V" packing gland, a wiper ring and an adjustment nut
6. Hydraulic hoses shall be 1/4"
7. Hydraulic unit shall be controlled by a single lever in-cab control or touch pad equipped with an on/off switch and indicator light. Control can be mounted on floor or dash.
8. In-cab control shall be connected to valve manifold and to the motor through an auxiliary 12 volt relay with harness. Power and control harness to have quick disconnects and covers at the grill or equivalent.
9. Control shall allow plow to be in float when lowered and also be able to angle left or right when in float.
10. Unit shall be grounded to negative circuit of vehicle.
11. Hydraulic fluid shall be standard automatic transmission fluid OR yellow hydraulic fluid containing de-icing agents for low temperature operation.
12. Cycle times: lift, 2 seconds, Angle 4 seconds
13. Hydraulic unit shall be able to stay with plow if disconnected.

H. Light Kit

1. Rectangular or elliptical dual beam halogen headlamps plus combination park and turn signals
2. Vehicle specific pre-wired harness with plug-in module requiring no headlamp wire splicing.
3. Plow and vehicle lights selected through relay system.

4. Heavy duty flasher (when required)
5. Mounting brackets
6. FMVAA 108 compliance for lights
7. Lights and mounting bracket capable of staying with disconnected plow.

I. Plow-removal

1. Blade assembly, A-frame, quadrant, lift with hydraulic unit & lights all to be capable of being removed in one step from truck as one complete unit.

Please provide any bids for this optional equipment on the original Pricing Spreadsheet that was posted with this Invitation to Bid.

All interested vendors shall note the changes identified above.

Any future Addendums, including the GSS responses to the vendor questions, shall be posted when available to the Bid Solicitation Directory at:

<http://bids.delaware.gov/>

All other terms and conditions remain the same.

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